## **EAST Search History**

| Ref<br>#   | Hits | Search Query   | DBs                          | Default<br>Operator | Plurals | Time Stamp       |
|------------|------|--|------------------------------|---------------------|---------|------------------|
| L19        | 5    | US-4333796-\$.DID. OR US-4339247-\$.DID. OR US-4563341-\$.DID. OR US-5523058-\$.DID. OR US-5658534-\$.DID.   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/24 06:54 |
| L17        | 14   | L15 and aerat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | OFF     | 2007/08/24 06:46 |
| L18        | 8    | L15 and deaerat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | OFF     | 2007/08/24 06:45 |
| L16        | 1    | L15 and aerate   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | OFF     | 2007/08/24 06:45 |
| L15        | 1031 | 417/313.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | OFF     | 2007/08/24 06:45 |
| L14        | 1    | 10/500121.app.   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/24 06:44 |
| L13        | 0    | 10/500121.app.   | USPAT                        | SAME                | ON      | 2007/08/24 06:44 |
| L12        | 3    | (US-6332924-\$ or US-6325932-\$ or US-6251293-\$).did.   | USPAT                        | SAME                | ON      | 2007/08/24 06:44 |
| S38        | 196  | vacuum deaerat\$4 pump filter  | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/23 19:43 |
| S37        | 21   | S31 and deaerat\$4   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/23 19:43 |
| S36        | 0    | S31 and dearat\$4  | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/23 19:42 |
| S35        | 28   | ("20030047067"   "20030061939"   "2620894"   "3239998"   "3284991"   "3432691"   "3793805"   "3853500"   "3904392"   "4070167"   "4127394"   "4205966"   "4398925"   "4428757"   "4612018"   "4935151"   "5372634"   "5373212"   "5834625"   "5853456"   "6053028"   "6106590").PN. OR ("6648943").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/23 19:42 |
| S34        | 31   | ("1577839"   "2094863"   "3275151"  <br>"3635348"   "3734299"   "3784016"   "3926664"<br>  "4298357"   "4341642"   "4428757"  <br>"4482461"   "4673498"   "4675116"   "4781825"<br>  "4818420").PN. OR ("4935151").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/23 19:40 |
| S33        | 3    | ("5383958").URPN.  | USPAT                        | SAME                | ON      | 2007/08/23 19:35 |
| <b>S32</b> | 707  | S31 and filter   | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/23 18:59 |
| S31        | 1255 | 210/258.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | SAME                | ON      | 2007/08/23 18:59 |

## **EAST Search History**

| S30 | 3    | US-5287030-\$.DID. OR US-6363918-\$.DID. OR US-5785013-\$.DID.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 12:10 |
|-----|------|--|--|------|----|------------------|
| S29 | 14   | S27 and aerat\$4   | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 10:18 |
| S28 | 0    | S27 and arerat\$4  | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 10:17 |
| S27 | 1031 | 417/313.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 10:17 |
| S26 | 9    | aerate chemical vacuum pump  | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 10:10 |
| S25 | 7    | ("3680985"   "4236881"   "4523903"  <br>"4865525").PN. OR ("6539986").URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 10:09 |
| S24 | 9    | ("4481389"   "5009388"   "5052429"  <br>"5061156"   "5169117"   "5244360").PN. OR<br>("5807085").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 09:48 |
| S23 | 57   | ((Yajima) near2 (Takeo)).in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | SAME | ON | 2007/08/23 09:46 |
| S22 | 12   | ((Yajima) near2 (Takeo)).in.   | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 09:46 |
| S21 | 7    | ("3680985"   "4236881"   "4523903"  <br>"4865525").PN. OR ("6539986").URPN.                            | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 09:45 |
| S20 | 1    | "6134899".pn.  | US-PGPUB;<br>USPAT;<br>USOCR                                       | SAME | ON | 2007/08/23 09:38 |

## **EAST Search History**

|     |    |  |              |      | 1  |                  |
|-----|----|--|--------------|------|----|------------------|
| S19 | 62 | US-3713274-\$.DID. OR US-3926664-\$.DID. OR  | US-PGPUB;    | SAME | ON | 2007/08/23 09:38 |
|     |    | US-4236881-\$.DID. OR US-4523903-\$.DID. OR  | USPAT;       |      |    |                  |
|     |    | US-4601409-\$.DID. OR US-4865525-\$.DID. OR  | USOCR        |      |    |                  |
|     |    | US-4915597-\$.DID. OR US-4935151-\$.DID. OR  |              |      |    |                  |
|     |    | US-4950134-\$.DID. OR US-4955992-\$.DID. OR  |              | 1    |    |                  |
|     |    | US-5096602-\$.DID. OR US-5167837-\$.DID. OR  |              |      |    | 1                |
|     |    | US-5262068-\$.DID. OR US-5383958-\$.DID. OR  |              |      |    |                  |
| 1   |    | US-5383574-\$.DID. OR US-5425803-\$.DID. OR  |              |      |    |                  |
|     |    | US-5490765-\$.DID. OR US-5516429-\$.DID. OR  |              |      |    |                  |
|     |    | US-5527161-\$.DID. OR US-5590686-\$.DID. OR  |              |      |    |                  |
|     |    | US-5636762-\$.DID. OR US-5645625-\$.DID. OR  |              |      |    |                  |
|     |    | US-5658615-\$.DID. OR US-5762795-\$.DID. OR  |              |      |    |                  |
| 1   |    | US-2104161-\$.DID. OR US-5772899-\$.DID. OR  |              |      |    | ĺ                |
| 1   |    | US-5792237-\$.DID. OR US-5858466-\$.DID. OR  |              |      |    |                  |
|     |    | US-5900045-\$.DID. OR US-5971723-\$.DID. OR  |              |      |    |                  |
|     |    | US-4174131-\$.DID. OR US-5989317-\$.DID. OR  |              |      |    |                  |
|     |    | US-6024249-\$.DID. OR US-20002113406-\$.DID. |              | 1    |    |                  |
|     | 1  | OR US-1195524-\$.DID. OR US-1240932-\$.DID.  |              |      |    |                  |
| İ   |    | OR US-3057343-\$.DID. OR US-6105829-\$.DID.  |              |      |    |                  |
|     |    | OR US-6171367-\$.DID. OR US-6190565-\$.DID.  |              |      |    |                  |
|     |    | OR US-6193783-\$.DID. OR US-6238576-\$.DID.  |              |      |    |                  |
| 1   |    | OR US-6251293-\$.DID. OR US-6325932-\$.DID.  |              |      | 1  |                  |
|     |    | OR US-6332924-\$.DID. OR US-6336959-\$.DID.  |              |      |    |                  |
|     |    | OR US-6378907-\$.DID. OR US-6431258-\$.DID.  |              |      |    |                  |
|     | [  | OR US-6432300-\$.DID. OR US-6500242-\$.DID.  |              |      |    |                  |
|     |    | OR US-6539986-\$.DID. OR US-6554579-\$.DID.  |              |      |    |                  |
|     |    | OR US-6585885-\$.DID. OR US-6612505-\$.DID.  |              |      |    |                  |
|     |    | OR US-6635183-\$.DID. OR US-6733250-\$.DID.  |              |      |    |                  |
|     |    | OR US-6752599-\$.DID. OR US-20040144736-\$.  |              |      |    |                  |
|     |    | DID. OR US-5963602-\$.DID.                   |              |      |    |                  |
|     | L  | 1  | <del> </del> | 1    |    |                  |